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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission

Application Number	10/822,496
Filing Date	04/12/2004
First Named Inventor	LEMANSKI et al.
Art Unit	1653
Examiner Name	
Attorney Docket Number	6818-70

**ENCLOSURES** (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	AKERMAN SENTERFITT		
Signature			
Printed name	Gregory A. Nelson		
Date	November 16, 2004	Reg. No.	30,577

**CERTIFICATE OF TRANSMISSION/MAILING**

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Typed or printed name	Gregory A. Nelson	Date	November 16, 2004

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: LEMANSKI et al.

Application No.: 10/822,496

Examiner:

Date Filed: April 12, 2004

Group: 1653

For: PROMOTING CARDIAC CELL DIFFERENTIATION

CERTIFICATE UNDER 37 CFR 1.8(a)

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Gregory A. Nelson

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Post Office Box 1450  
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Date: November 16, 2004

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, Applicants hereby disclose information that may be relevant to the Examiner's consideration of the above-identified application and the patentability of its claims.

In accordance with Rules 56, 97, and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), Form PTO/SB/08B of references cited therein are submitted for consideration by the Examiner. While the references provided in this Information Disclosure Statement may be material to patentability pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. §1.97(g), the filing of this

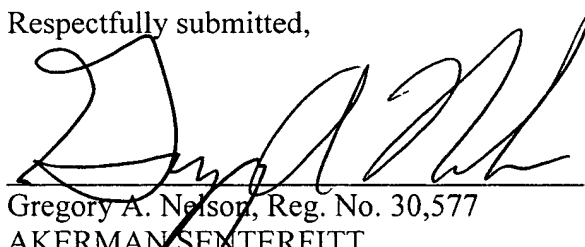
In re Application of: LEMANSKI et al.  
Application No.: 10/822,496  
Filed: April 12, 2004  
Group Art Unit: 1653  
For: PROMOTING CARDIAC CELL  
DIFFERENTIATION

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Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

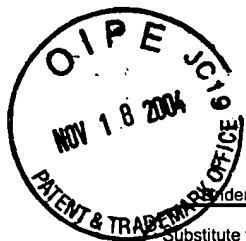
This Information Disclosure Statement is being filed before the issuance of a first office action on the merits of the application (37 C.F.R. 1.97(b)(3)); therefore, no fee is believed to be due. However, if any fee is due, the Commissioner is authorized to charge any such fee and any additional fees due or credit any overpayment to Deposit Account No. 50-0951.

Respectfully submitted,



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Docket No. 6818-70



PTO/SB/08B (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/822,496
Filing Date	04/12/2004
First Named Inventor	LEMANSKI et al.
Art Unit	1653
Examiner Name	
Attorney Docket Number	6818-70

Sheet	1	of	2
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DAVIS et al., "Induction of myofibrillogenesis in cardiac lethal mutant axolotl hearts rescued by RNA derived from normal endoderm," Development 99:145-154, 1987.	
		DRAGHIA-AKLI, "Enhanced growth by ectopic expression of growth hormone releasing hormone using an injectable myogenic vector," Nat Biotechnol. 15:1285-9, 1997.	
		FRANSEN et al., "Myocardial cell relationships during morphogenesis in normal and cardiac lethal mutant axolotls, Ambystoma mexicanum," Amer J Anat 183:245-257, 1998.	
		LEMANSKI, L. "Role of Tropomyosin in Actin Filament Formation in Embryonic Salamander Heart Cells," J Cell Biol 82:227-238, 1979.	
		LEMANSKI et al., "Normal Anterior Endoderm Corrects the Heart Defect in Cardiac Mutant Salamanders (Ambystoma mexicanum)," Science 204:860-862, 1979.	
		LEMANSKI et al., The Cardiac Mutant Gene c in Axolotls: Cellular, Developmental and Molecular Studies," Cell Molec Biol Res 41: 293-305, 1995.	
		LEMANSKI et al., Molecular biology of heart development in the Mexican axolotl, Ambystoma mexicanum," J Tsitologiya (Cytology) 39:918-927, 1997.	
		LEMANSKI et al., "Cellular, Molecular, and Developmental Studies on Heart Development in Normal and Cardiac Mutant Axolotls, Ambystoma Mexicanum," Chapter 12.	
		SMITH et al., "Heart induction in wild-type and cardiac mutant axolotls (Ambystoma mexicanum)," J Exp Zool 254:48-54, 1990.	
		LEMANSKI et al., "A specific synthetic RNA promotes cardiac myofibrillogenesis in the Mexican axolotl," Biochem Biophys Res Commun 229:974-81, 1996.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/822,496
		Filing Date	04/12/2004
		First Named Inventor	LEMANSKI et al.
		Art Unit	1653
Examiner Name			
Sheet 2 of 2	Attorney Docket Number	6818-70	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		LEMANSKI et al., "Creation of chimeric mutant axolotls: a model to study early embryonic heart development in Mexican axolotls," Anat Embryol 203:335-342, 2001.	
		PESTOVA et al. "Molecular mechanisms of translation initiation in eukaryotes," Proc Natl Acad Sci 98:7029-7036, 2001.	
		SANBE et al., "Reengineering inducible cardiac-specific transgenesis with an attenuated myosin heavy chain promoter," Circ Res. 92:609-16, 2003.	
		SEPULVEDA et al., "Combinatorial expression of GATA4, Nkx2-5, and serum response factor directs early cardiac gene activity," J Biol Chem. 277:25775-82, 2002.	
		ZACKSON et al., "Cranial neural crest cells exhibit directed migration on the pronephric duct pathway: further evidence for an in vivo adhesion gradient," Dev Biol 117:342-353, 1986.	
		ZAJDEL et al., "Alteration of cardiac myofibrillogenesis by liposome-mediated delivery of exogenous proteins and nucleic acids into whole embryonic hearts," Anat Embryol 201:217-228, 1999.	

Examiner Signature		Date Considered	
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